

FIG. 1

Transcellular LM Biosynthesis

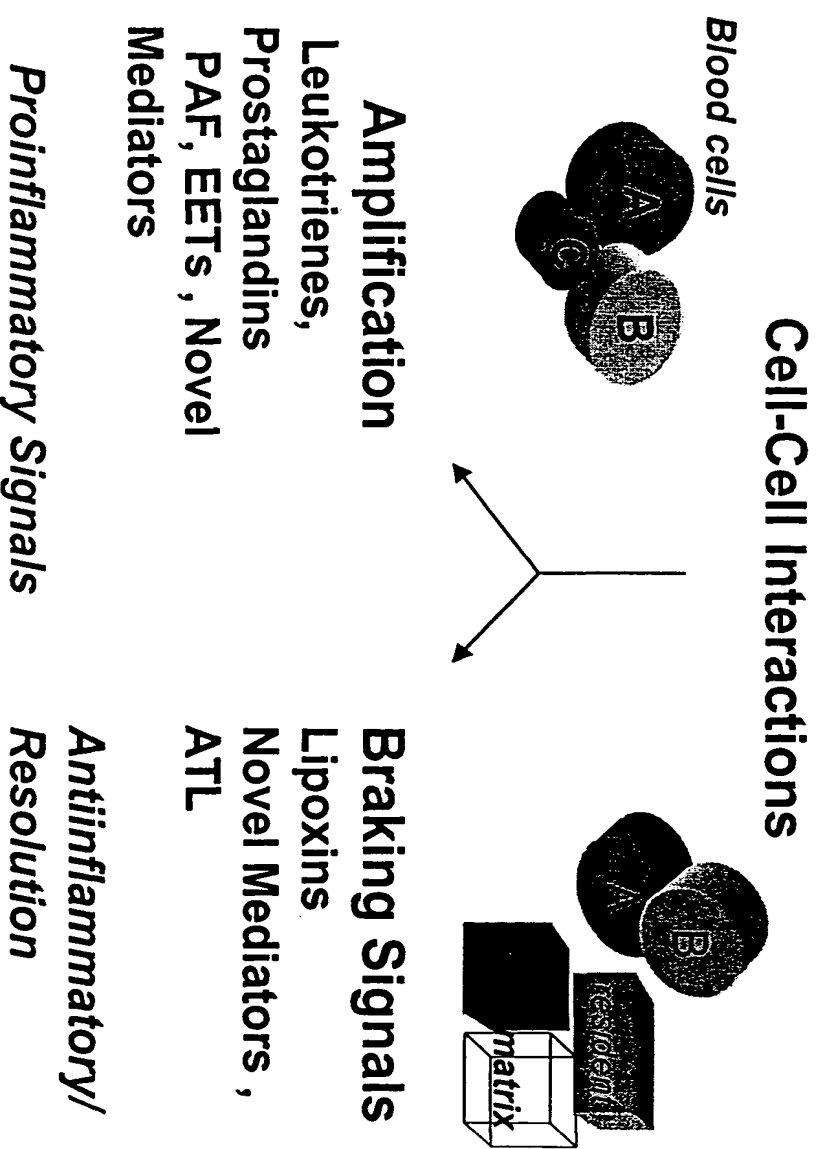


FIG. 2A

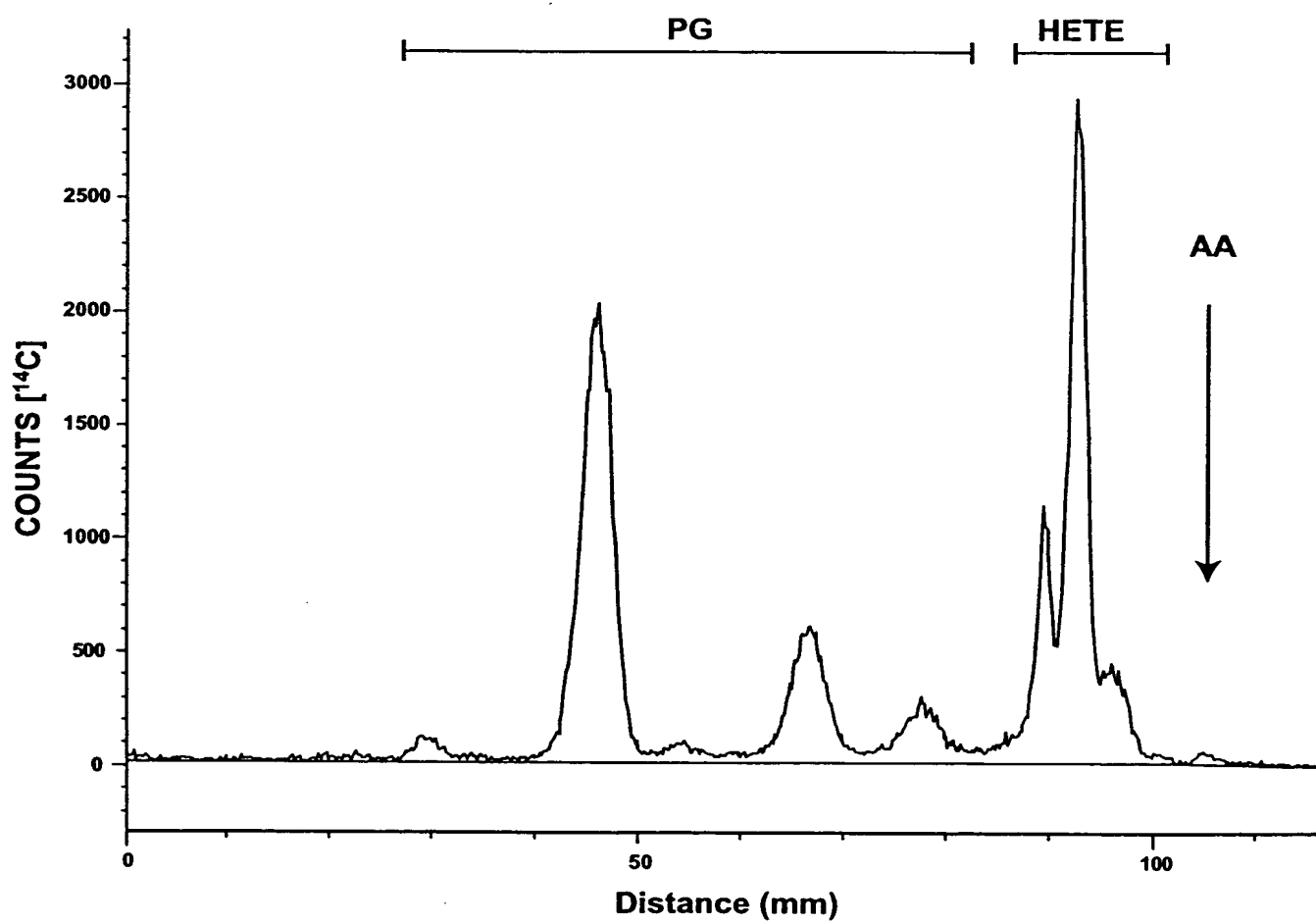


FIG. 2B

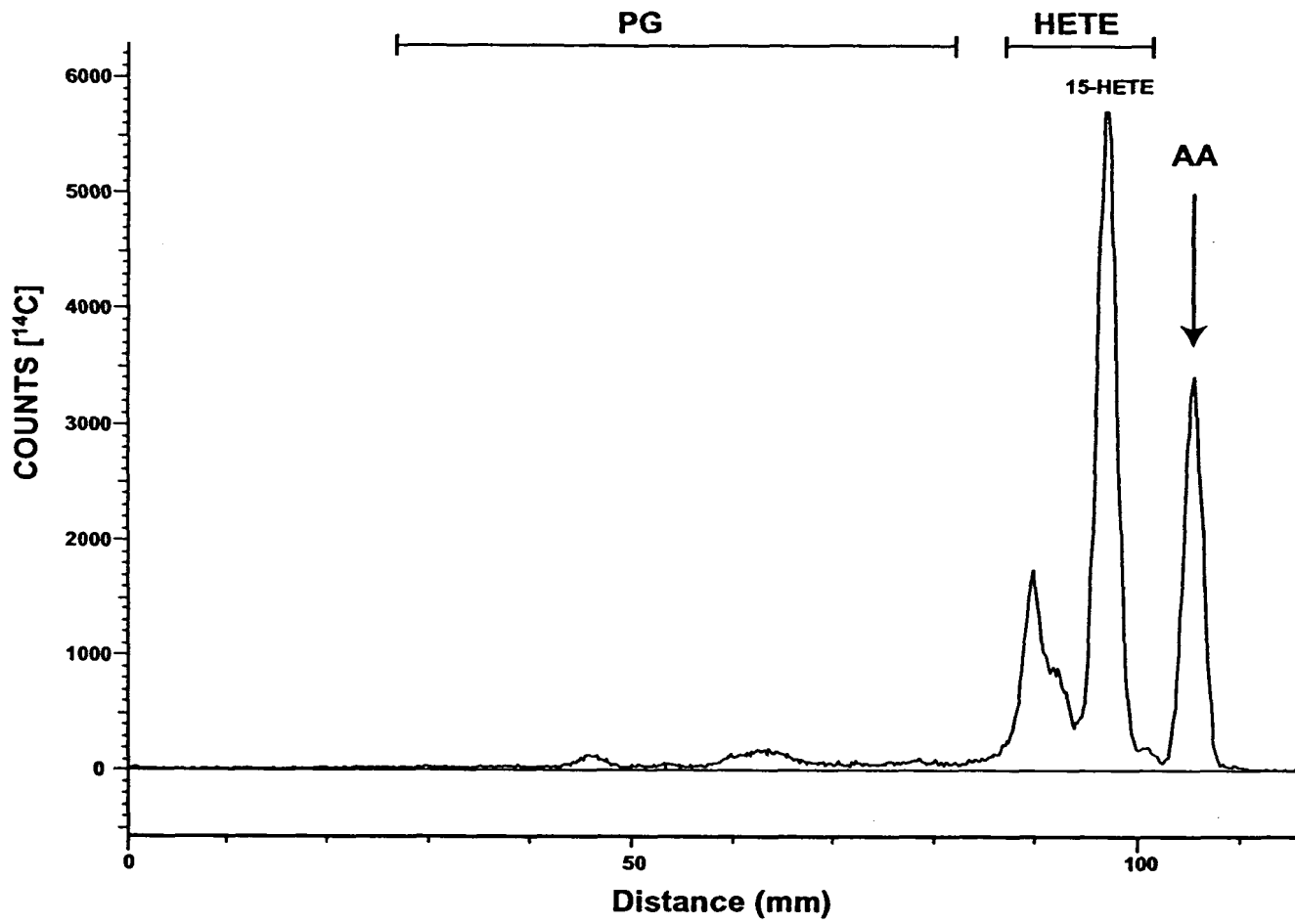


FIG. 2C

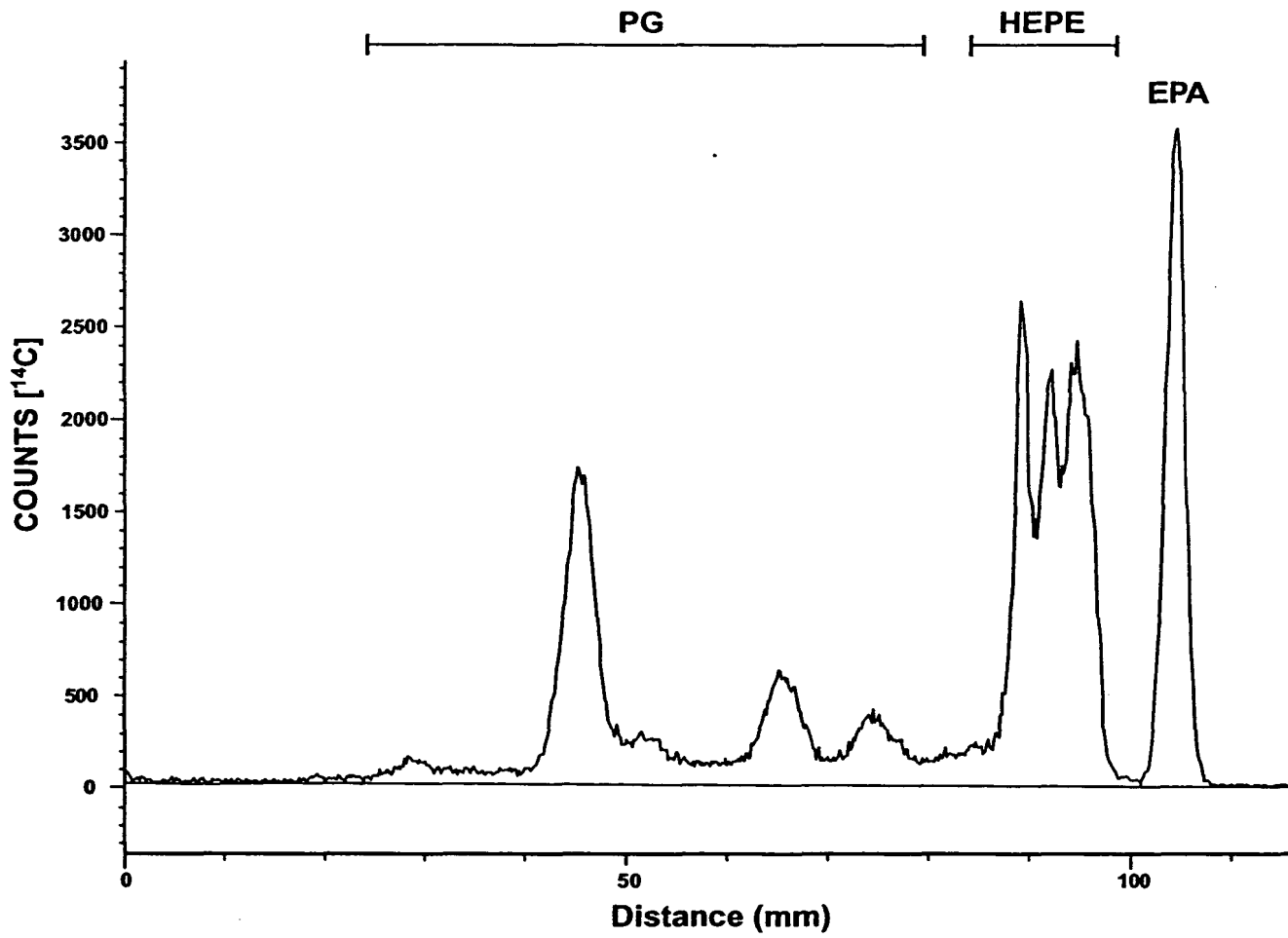


FIG. 2D

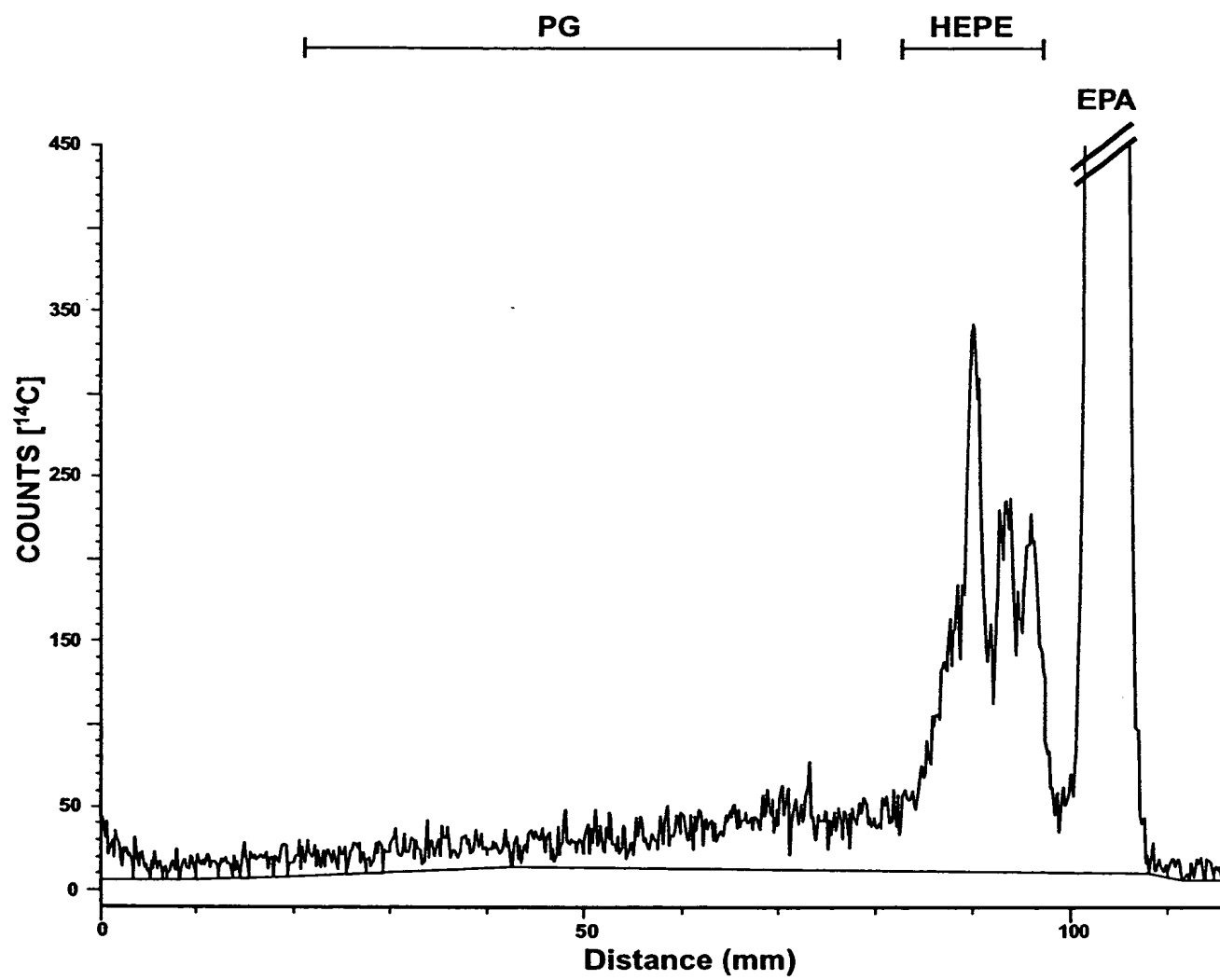


FIG. 3

Conversion of EPA by *B. megaterium*

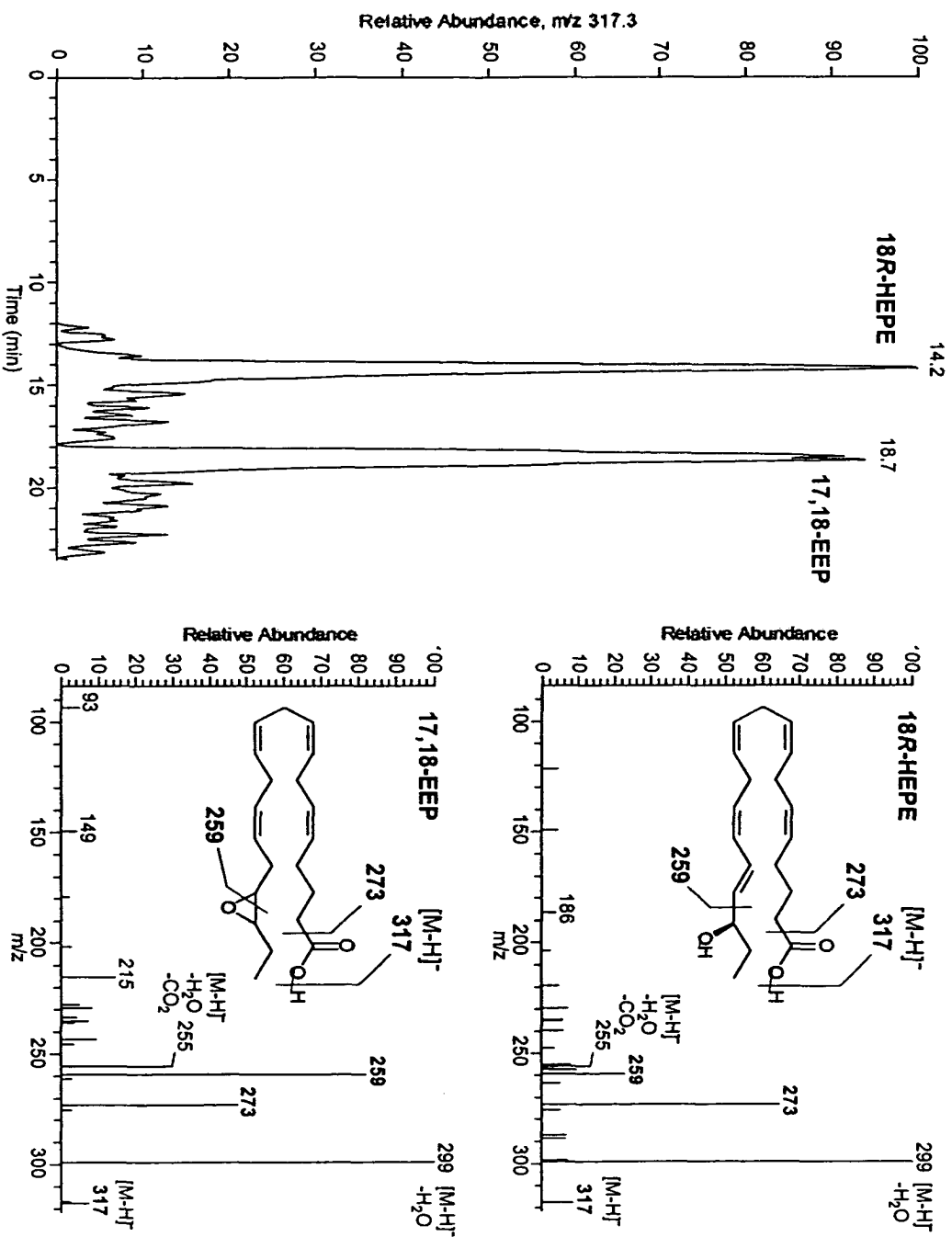
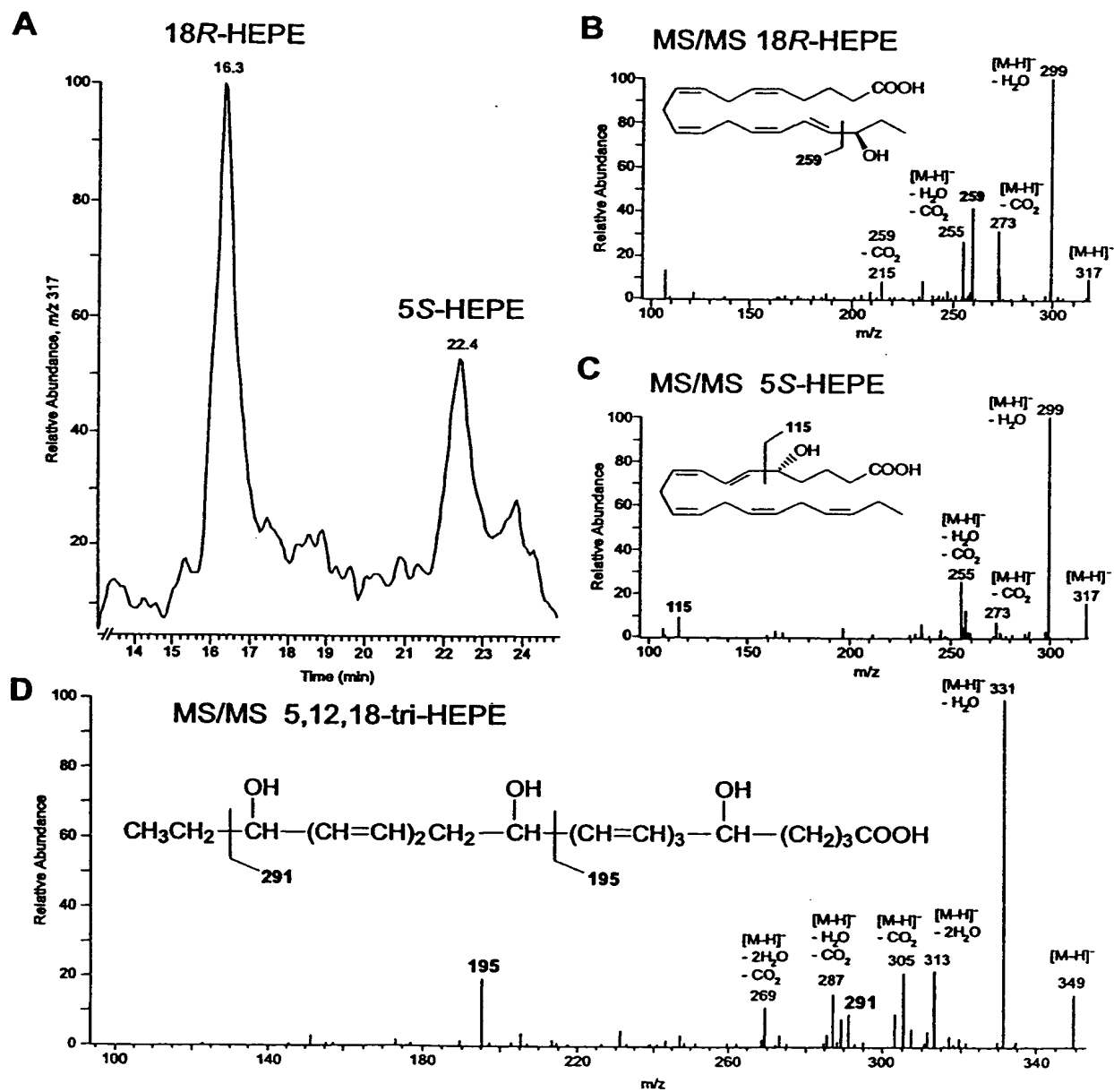


FIG. 4



MS 5,12,18-tri-HEPE from *B. megaterium*

5.65

FIG. 5

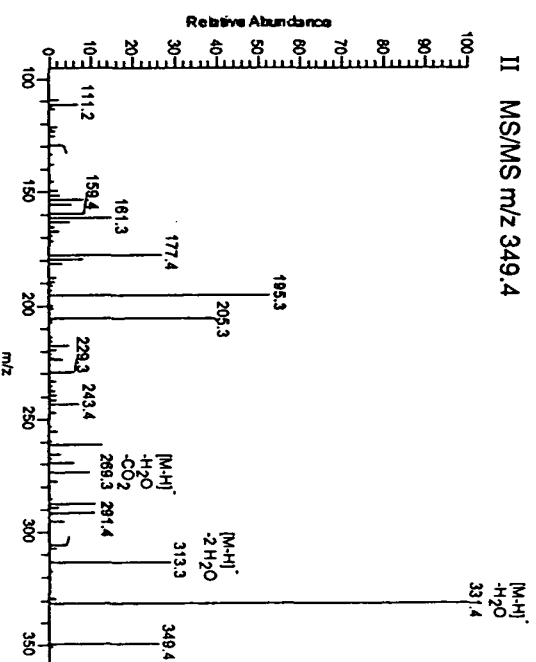
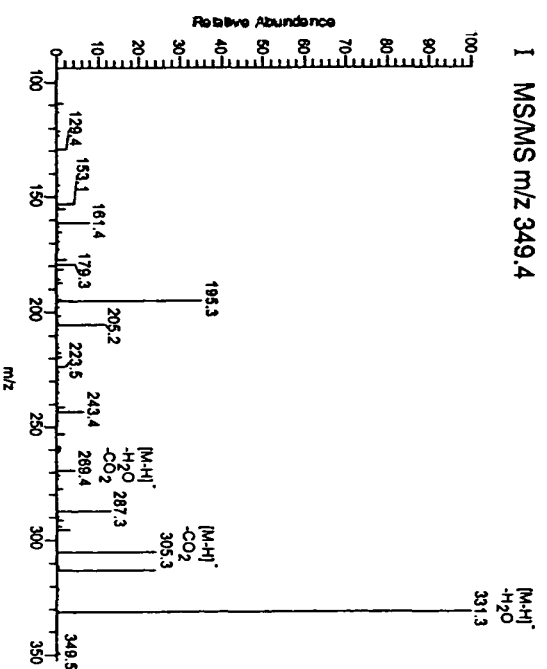
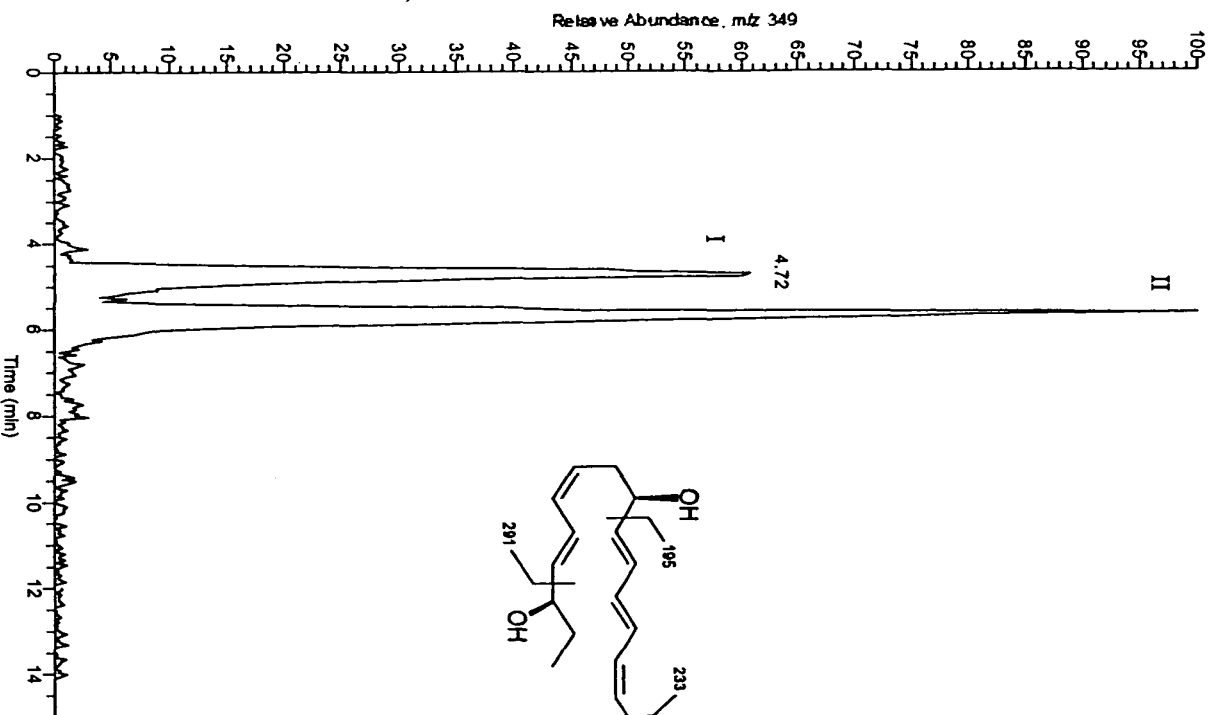
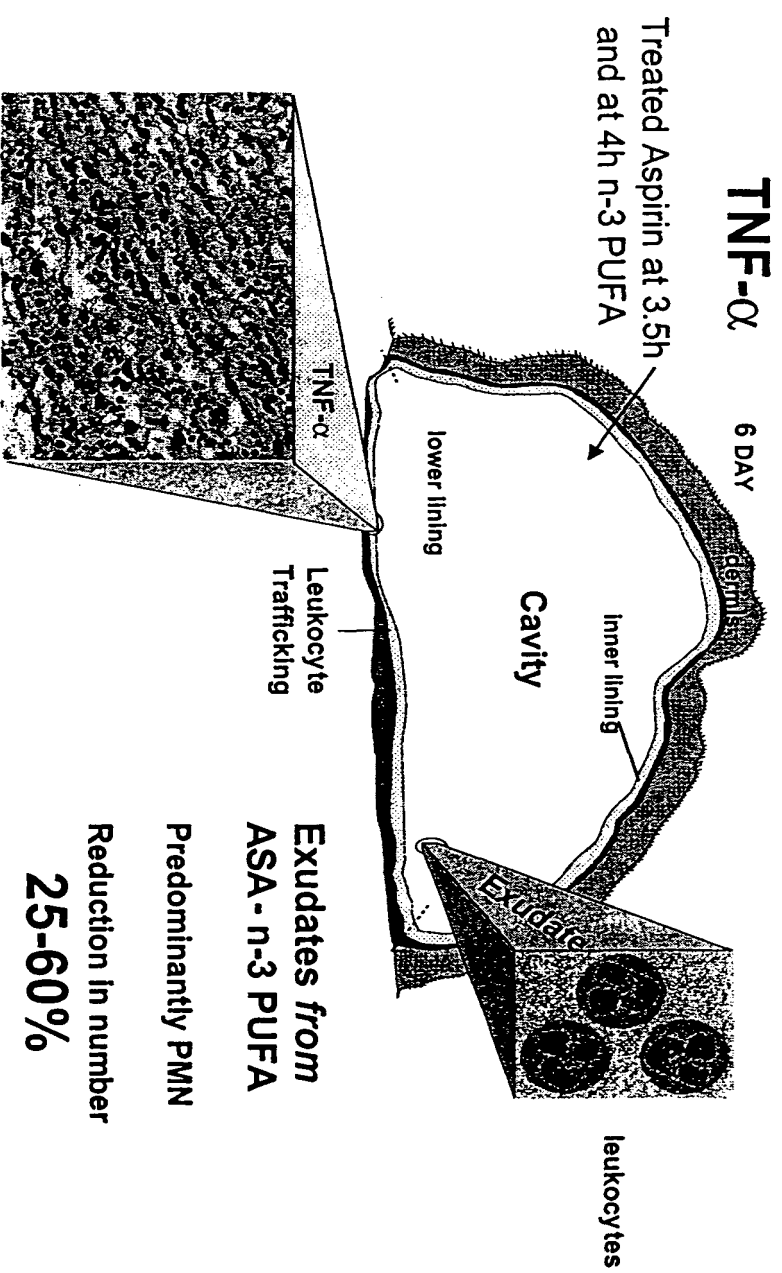


FIG. 6

Murine Dorsal Air Pouch



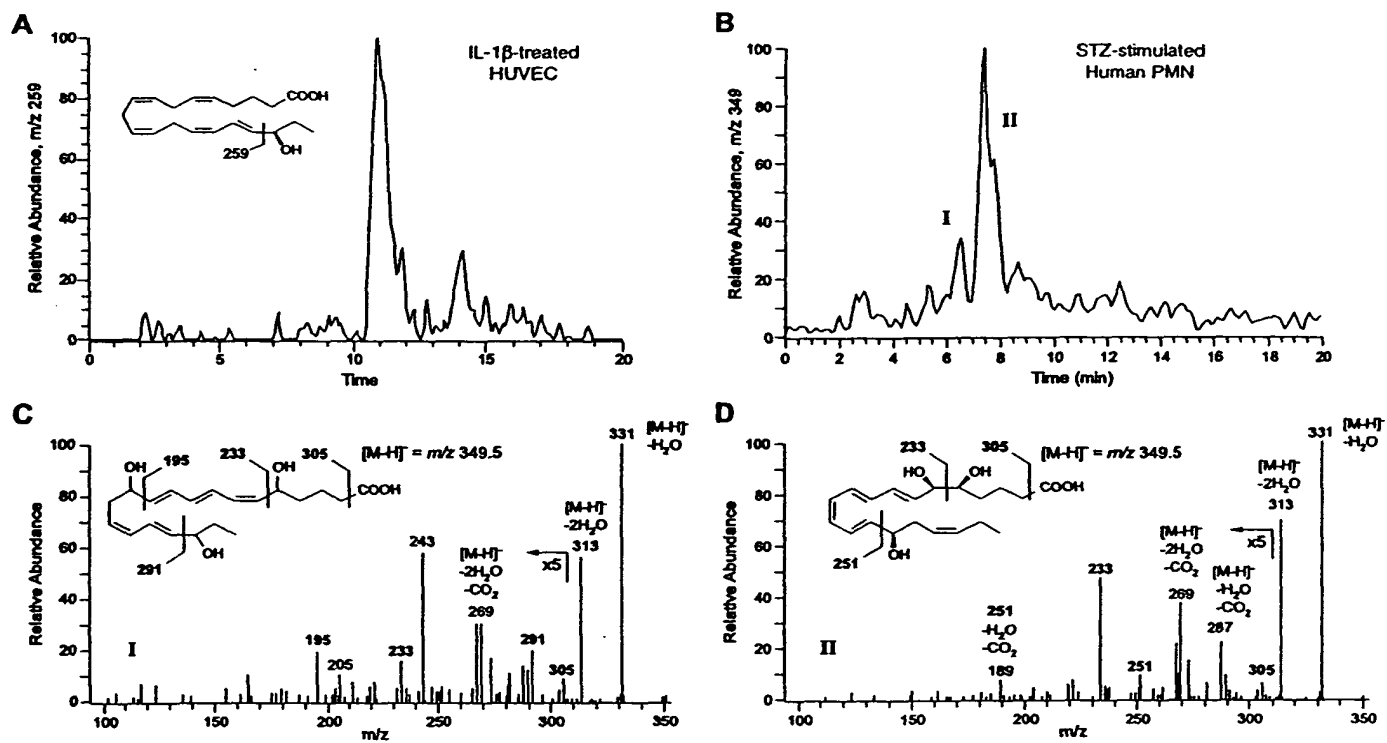


FIG. 7

FIG. 8

Mono-HEPES: Enzymatic Products from Acetylated COX 2 and EPA

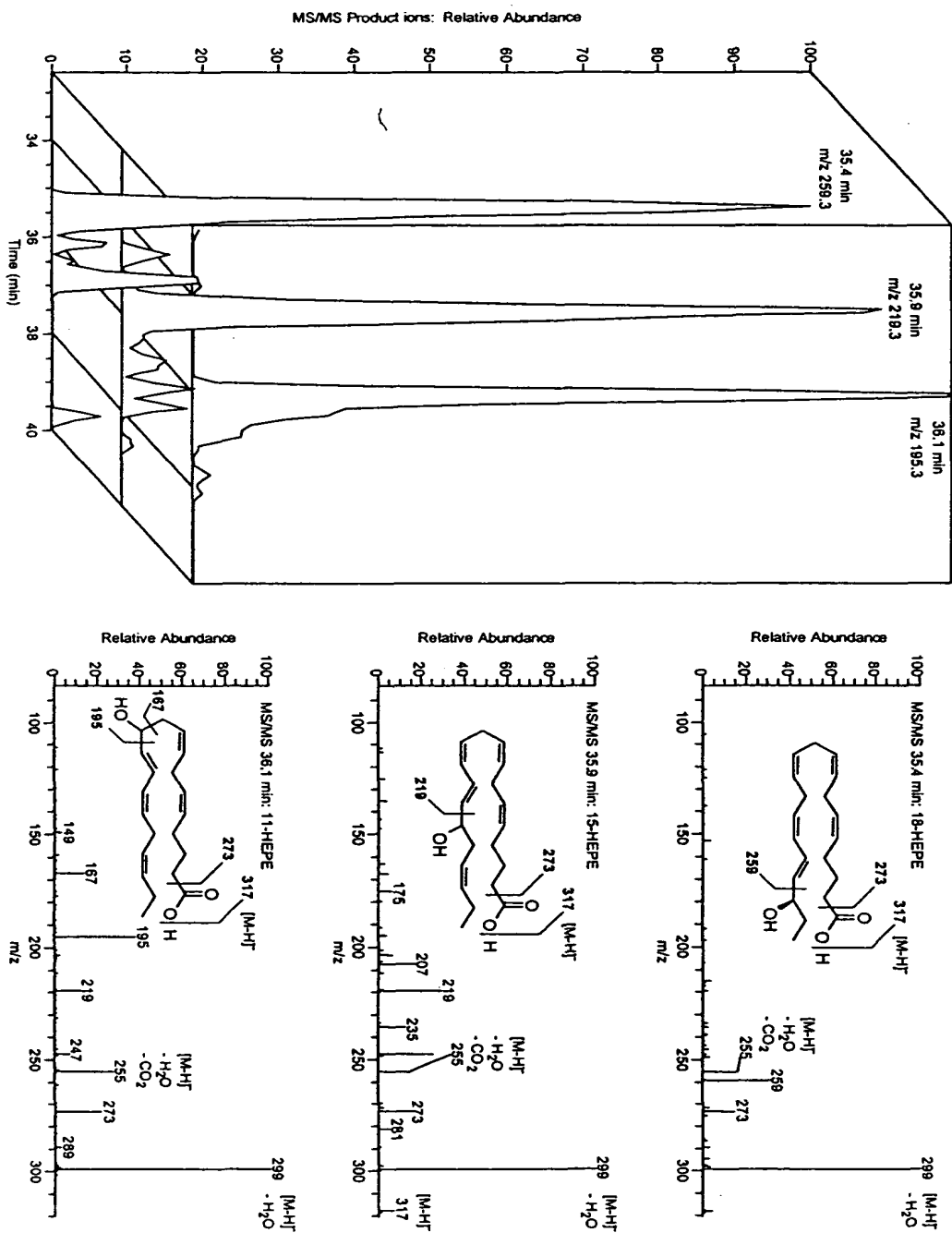


FIG. 9

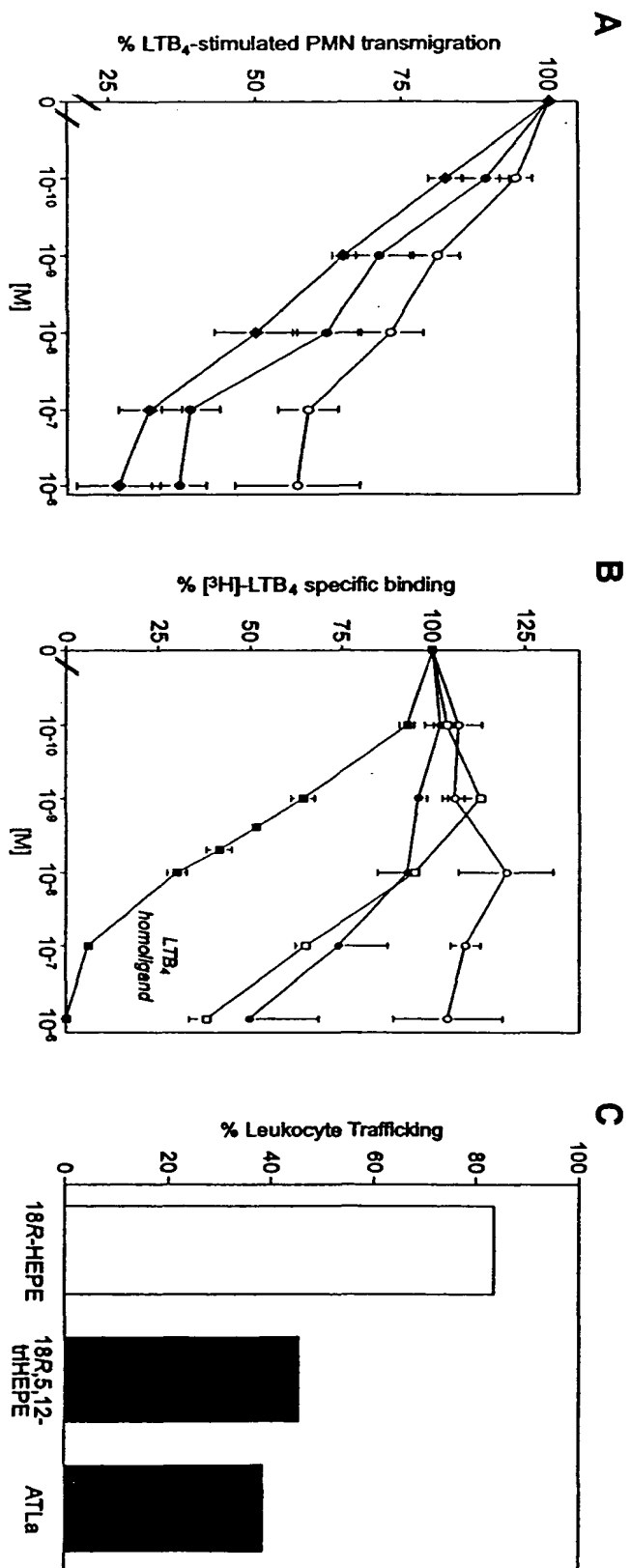


FIG. 10A

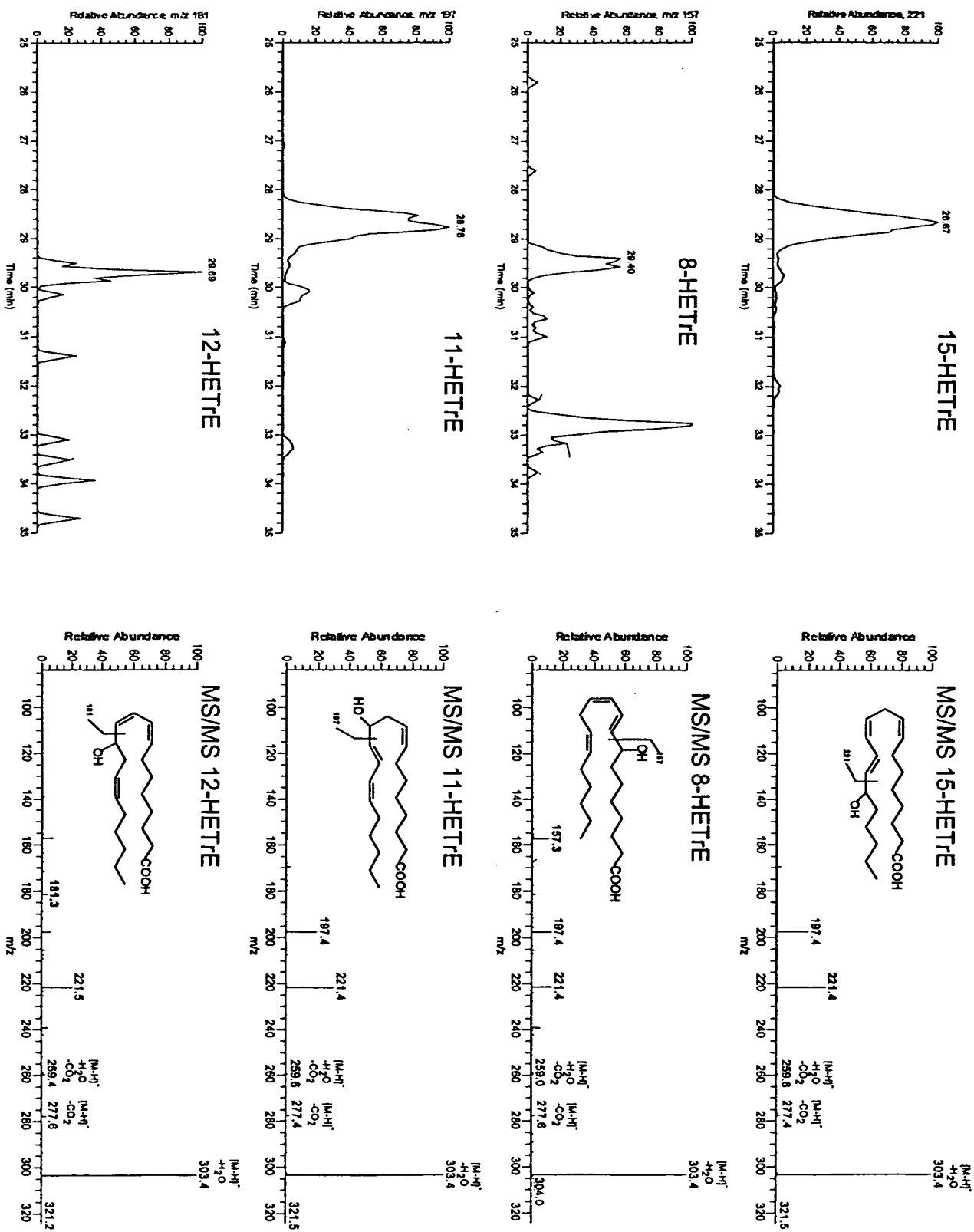


FIG. 10B

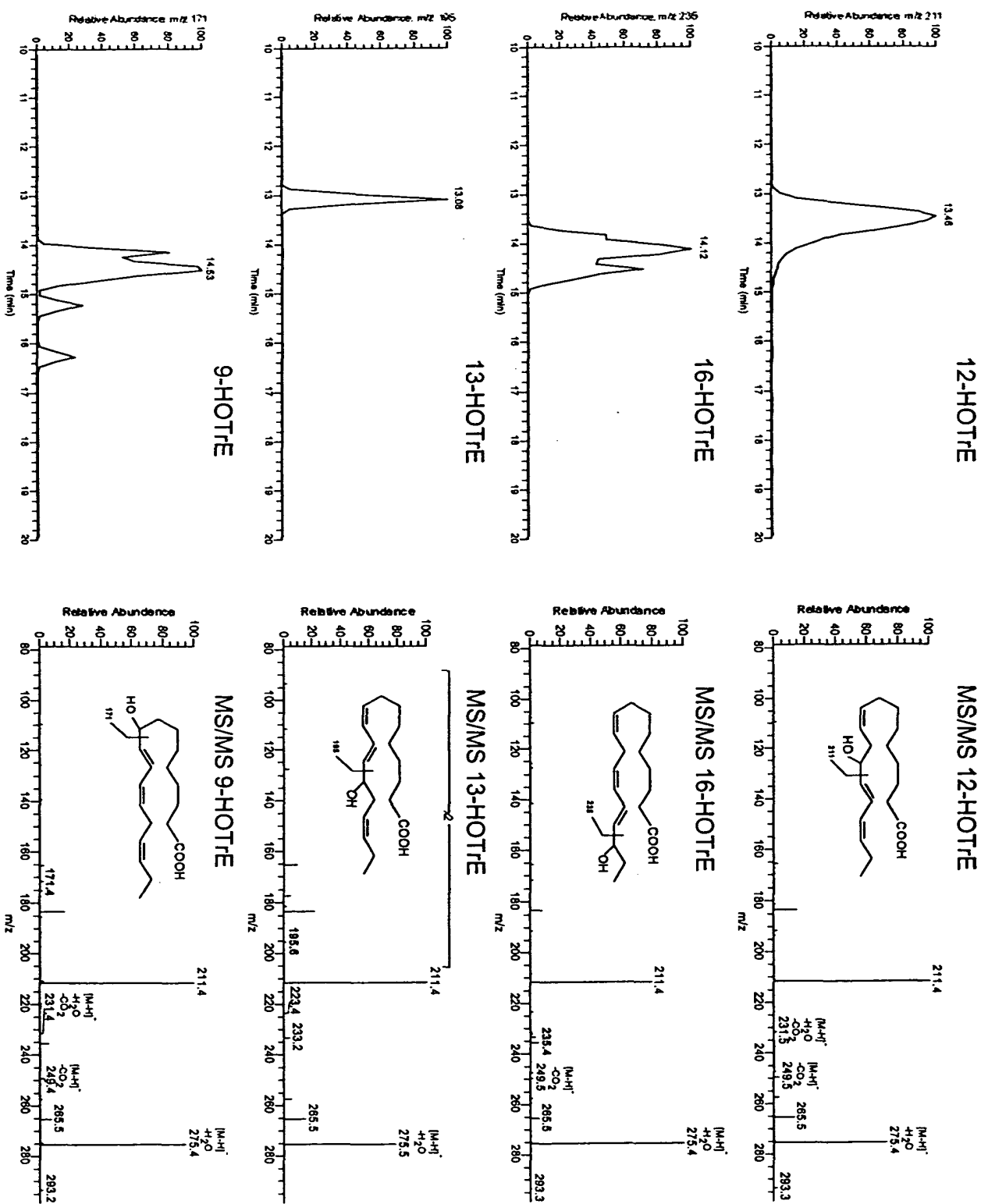


FIG. 10C

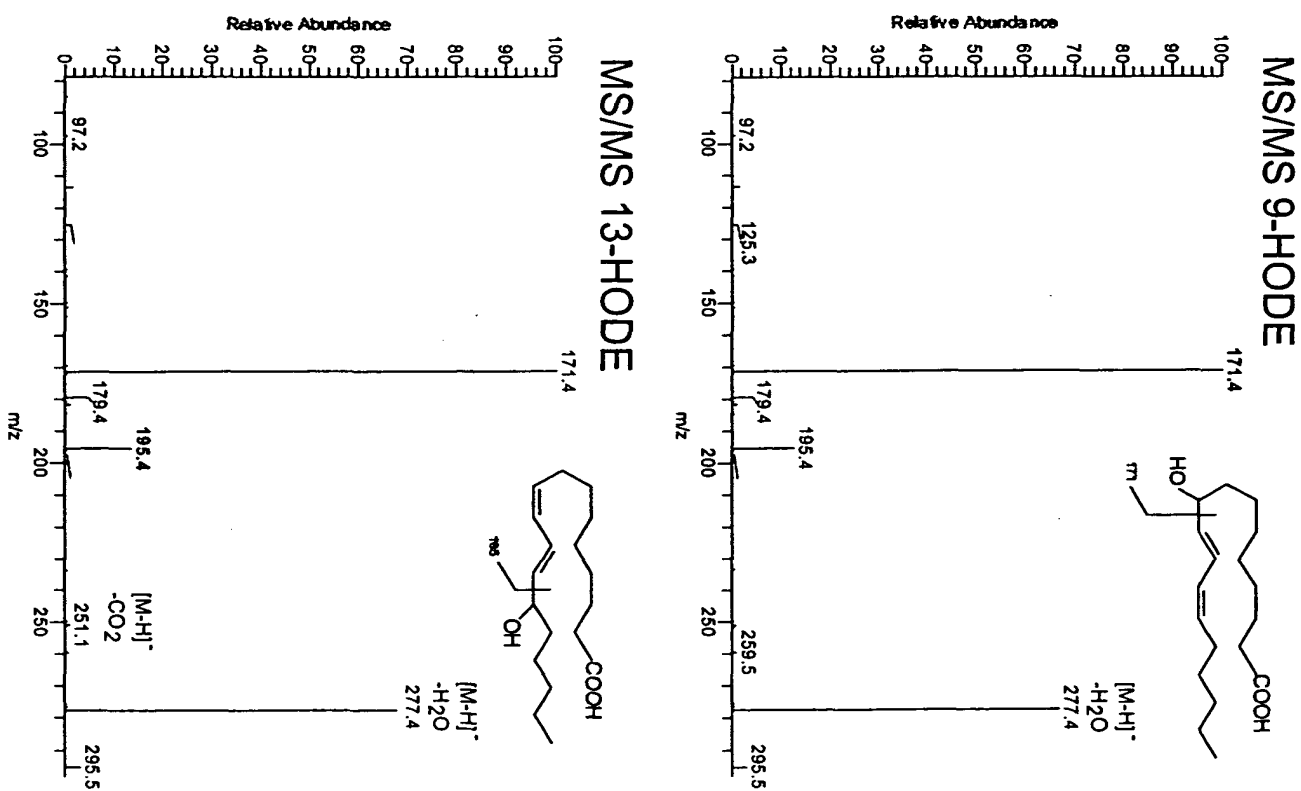
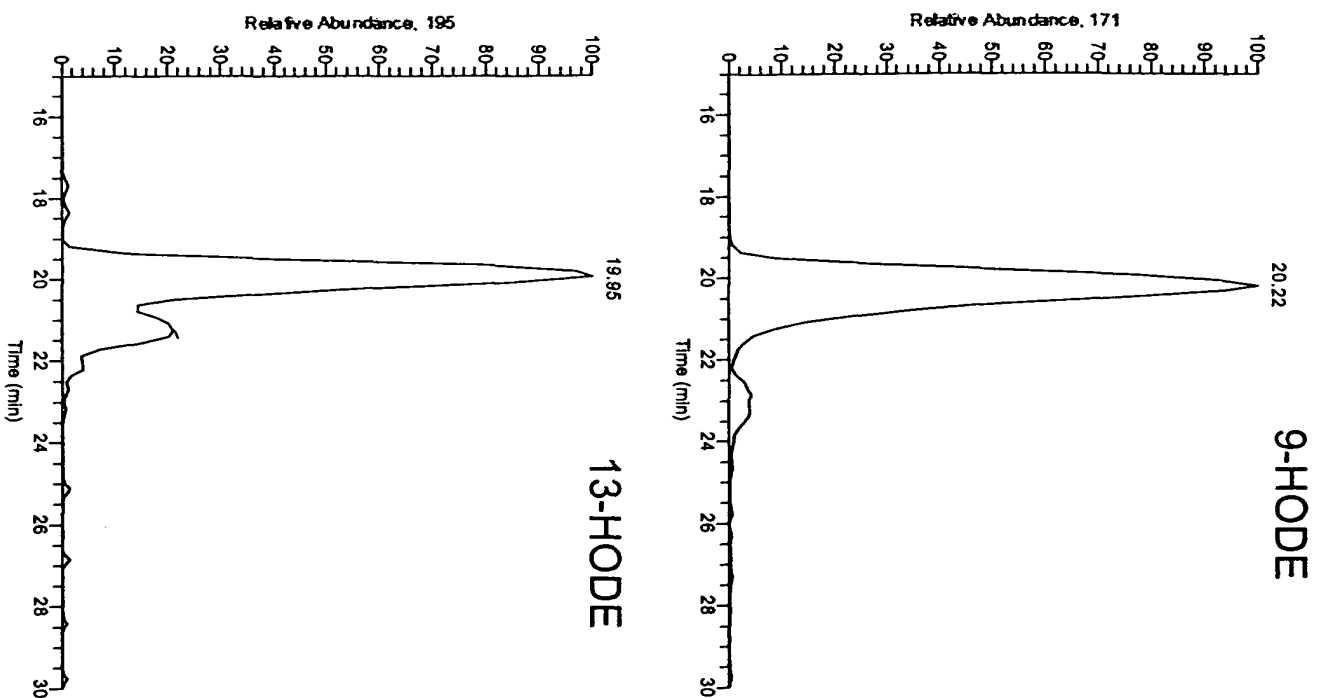


FIG. 11

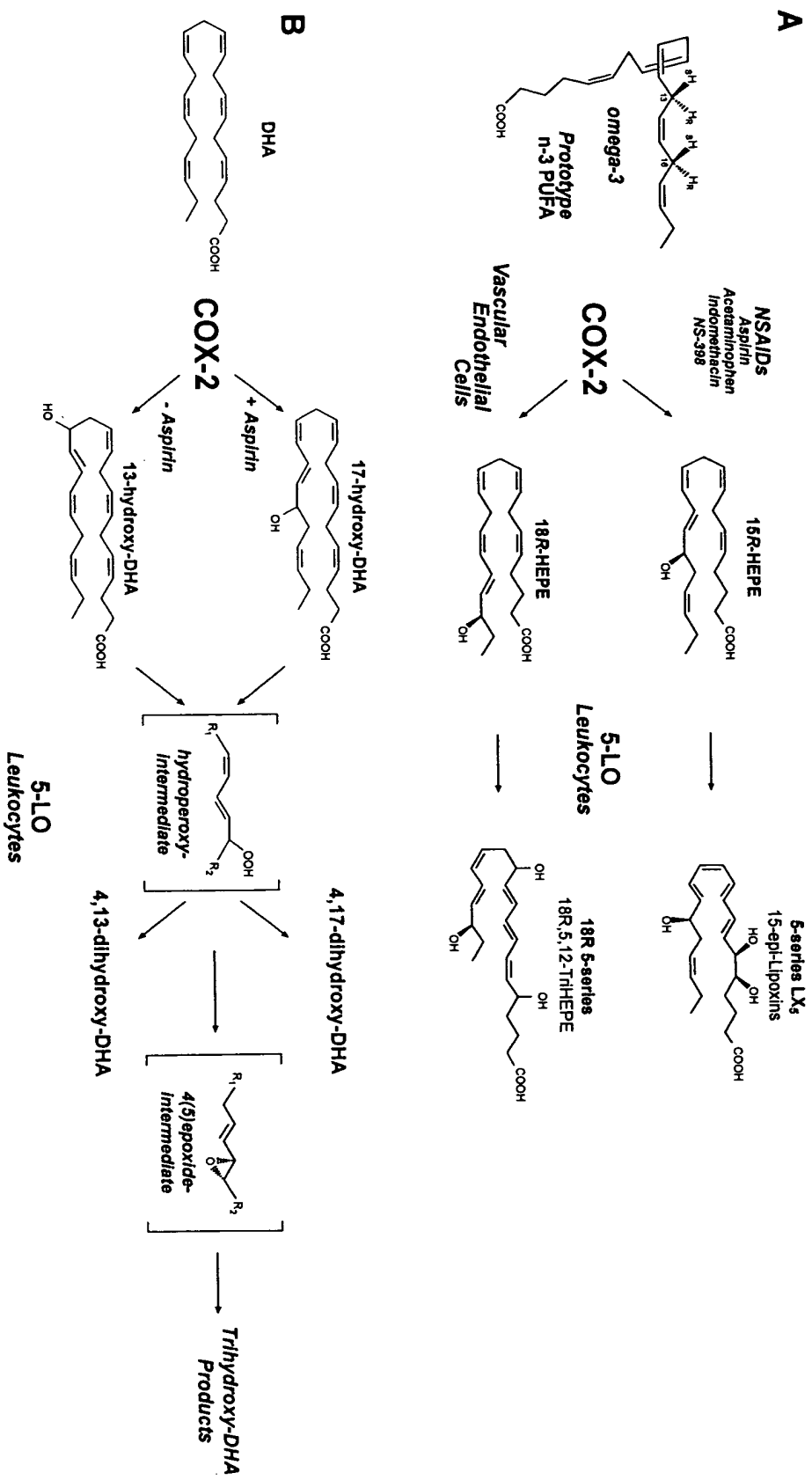
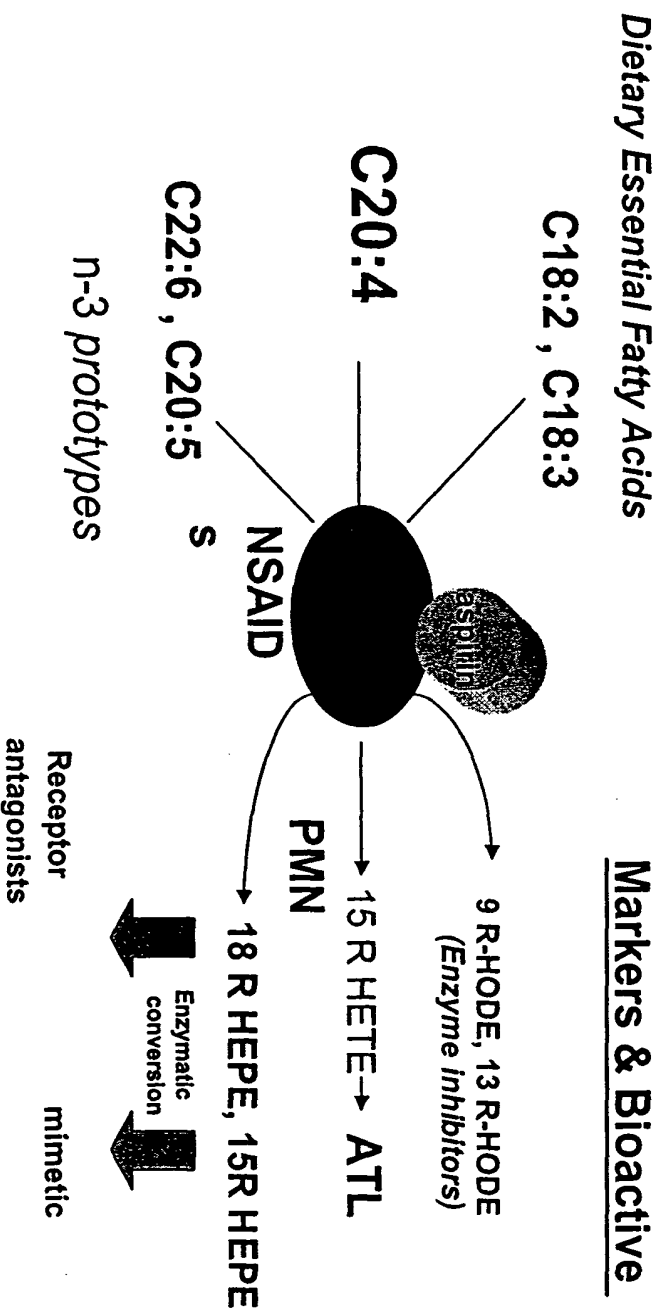


FIG. 12

Aspirin Triggered / NSAIDs : New Pathways



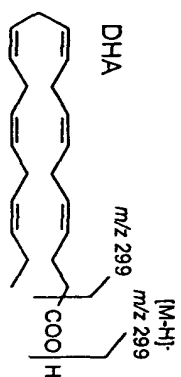
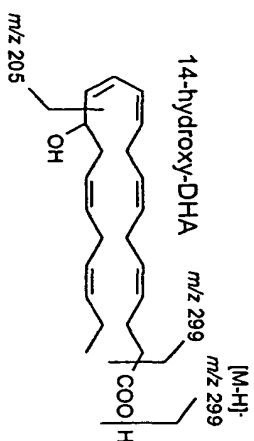
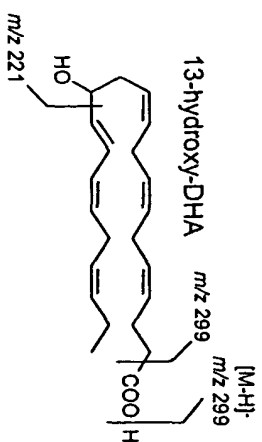


FIG. 13

Major Products



Minor Products

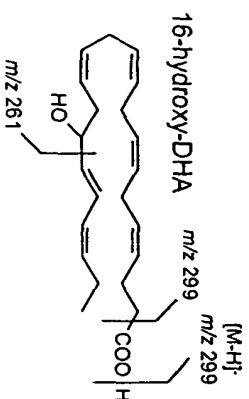
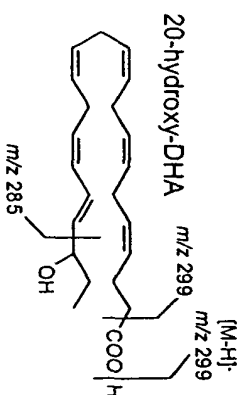
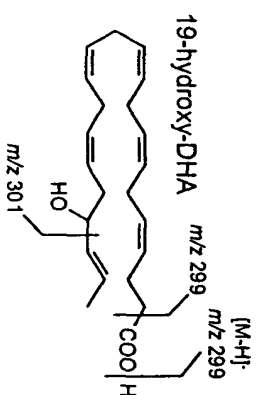
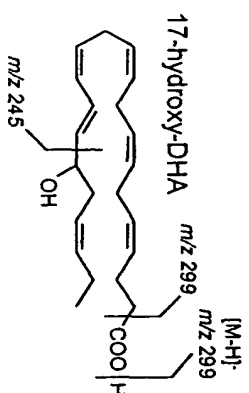
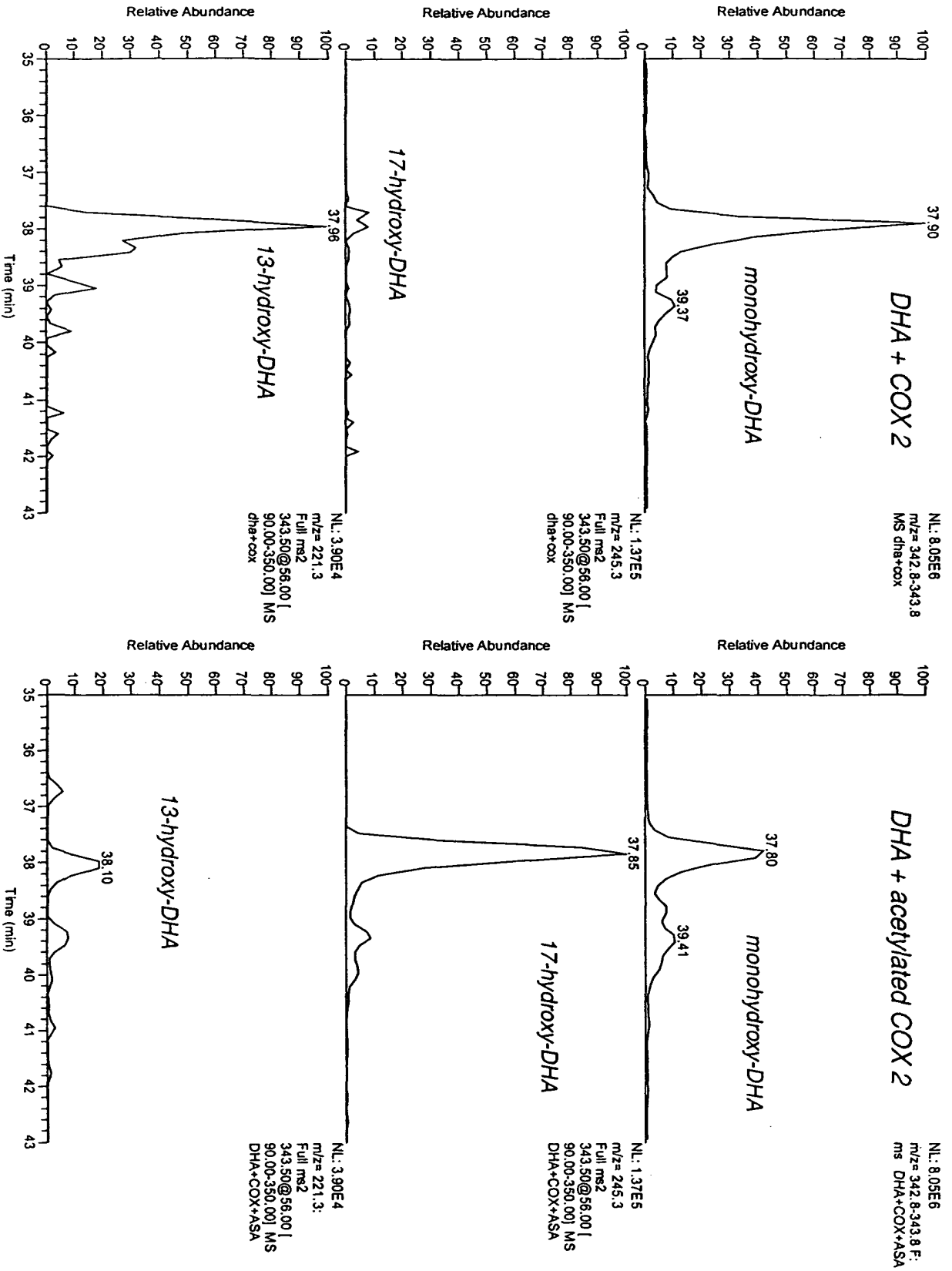


FIG. 14A



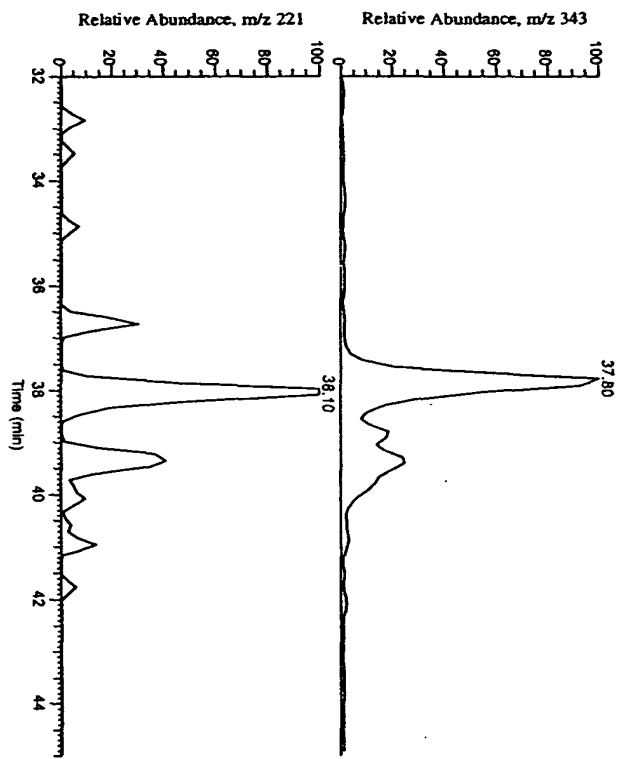
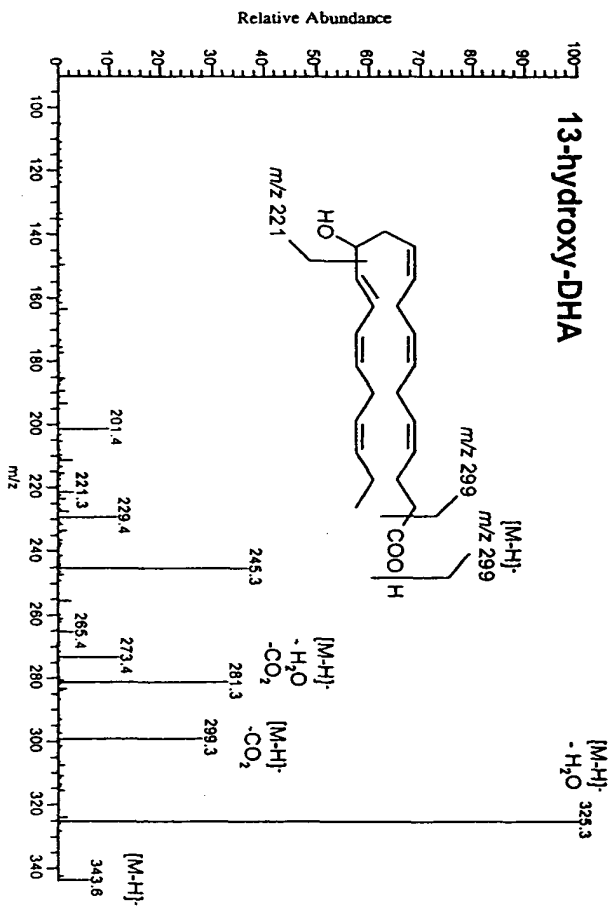


FIG. 14B



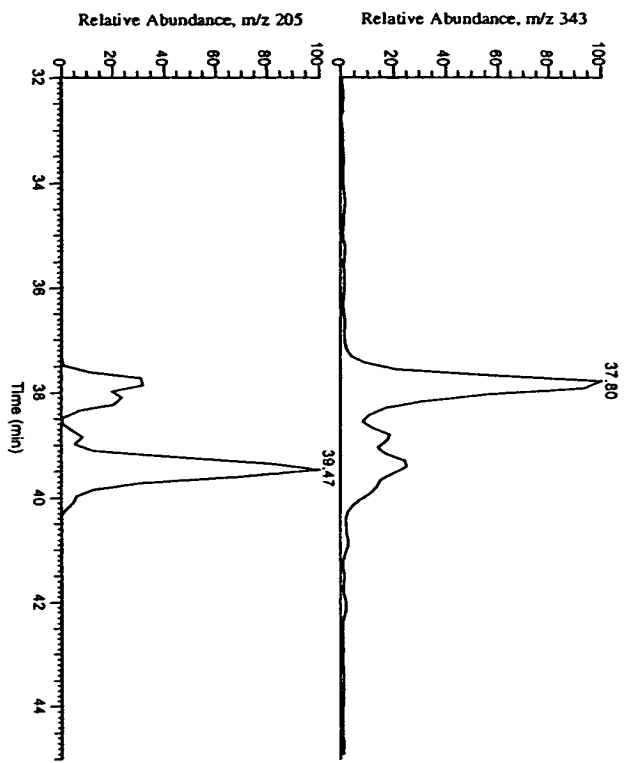
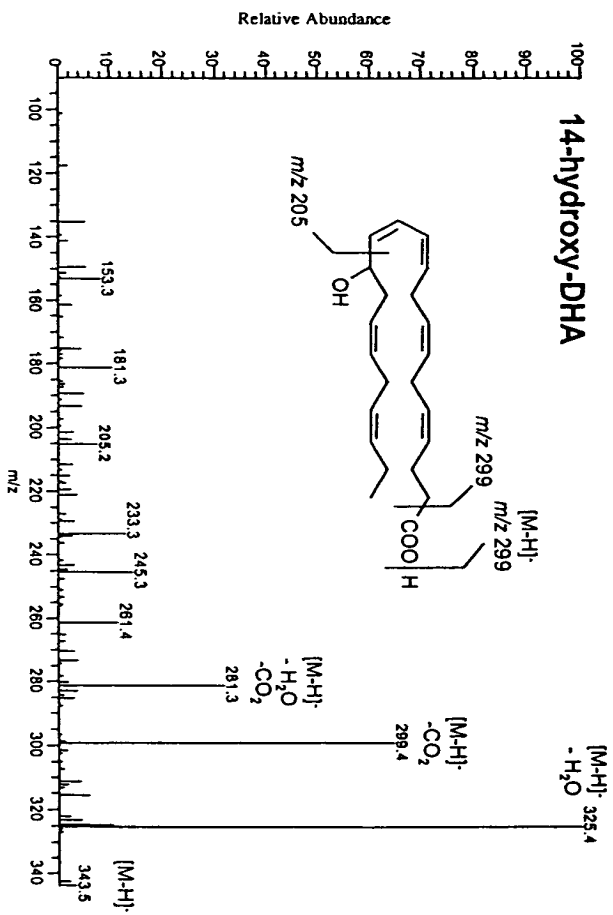


FIG. 14C



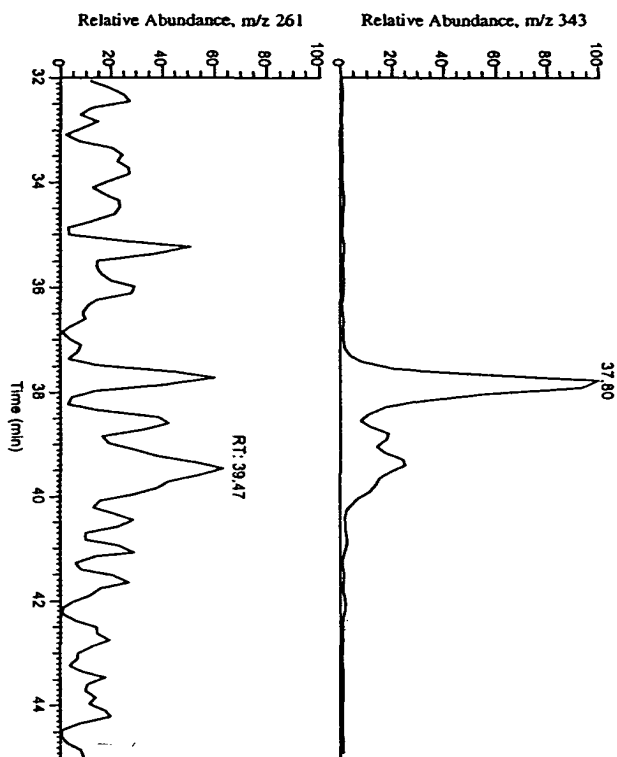
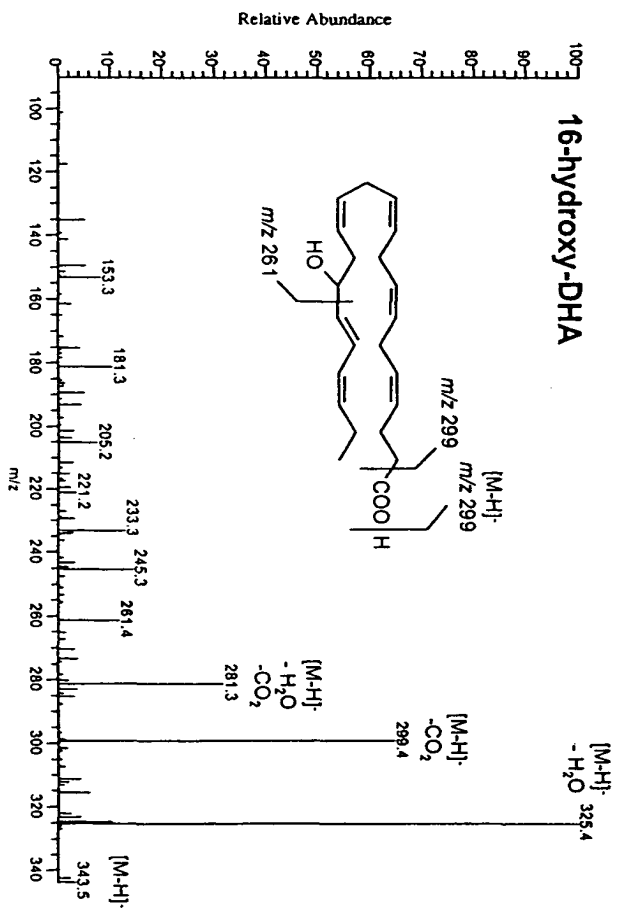


FIG. 14D



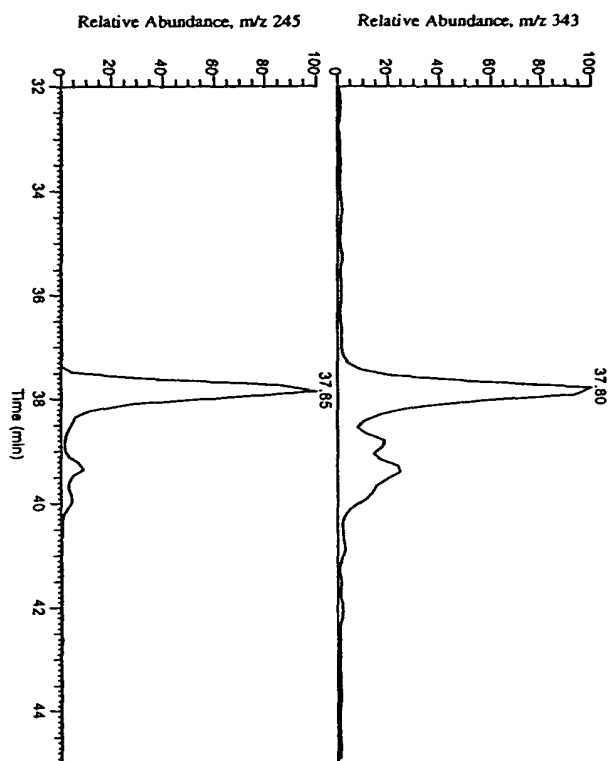
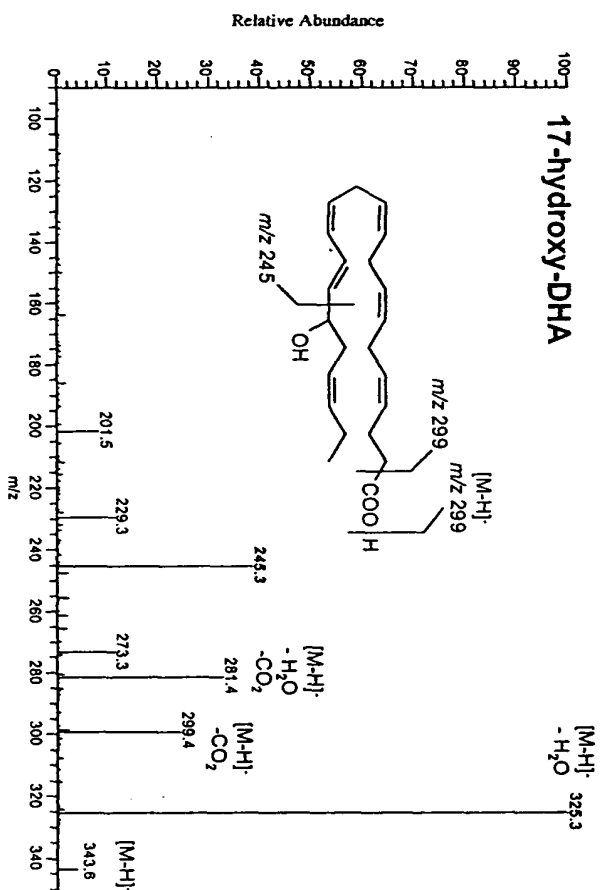


FIG. 14E



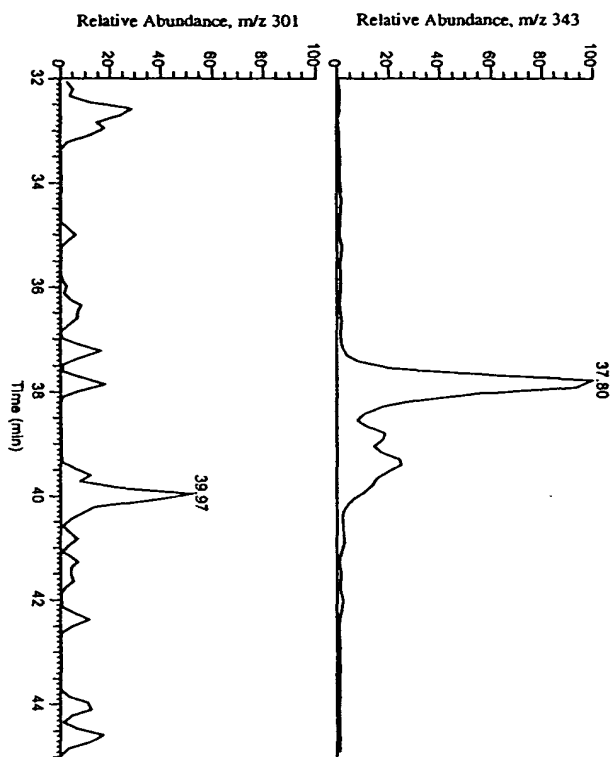
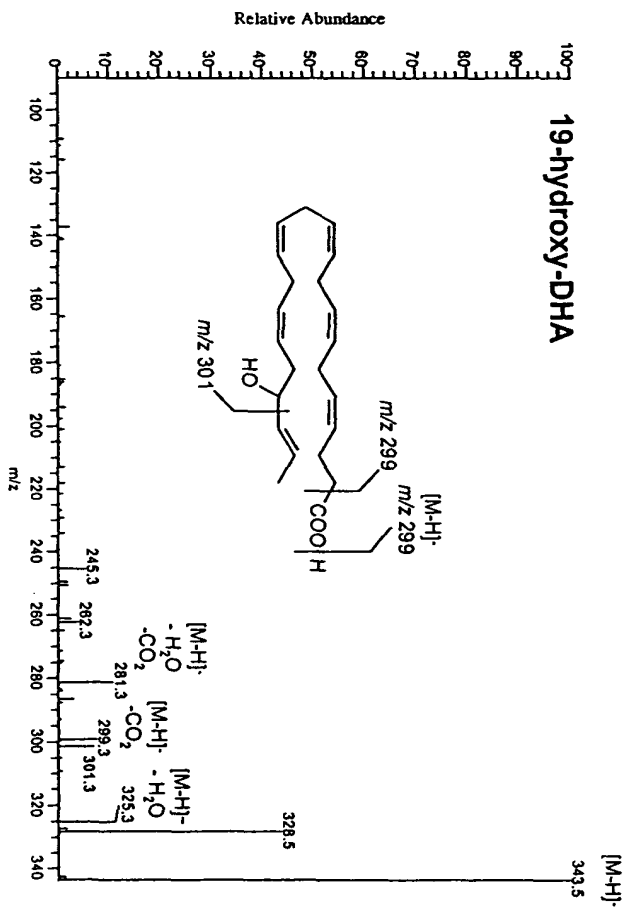


FIG. 14F



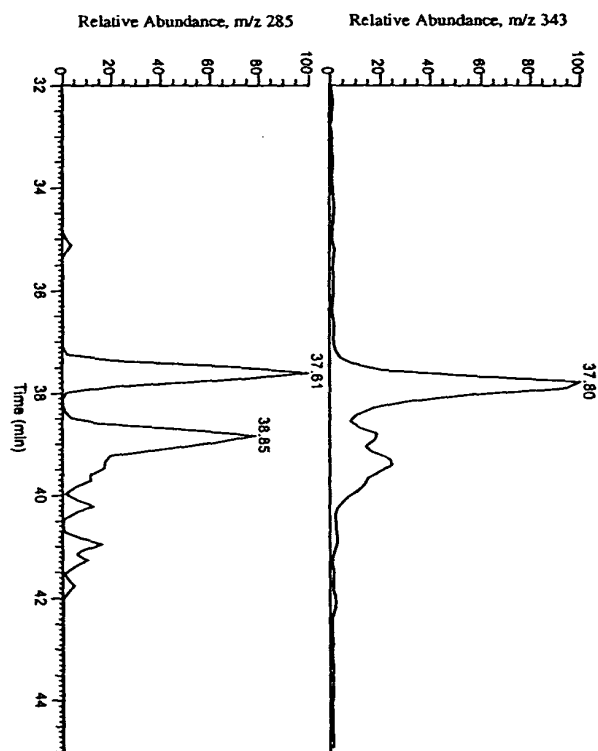


FIG. 14G

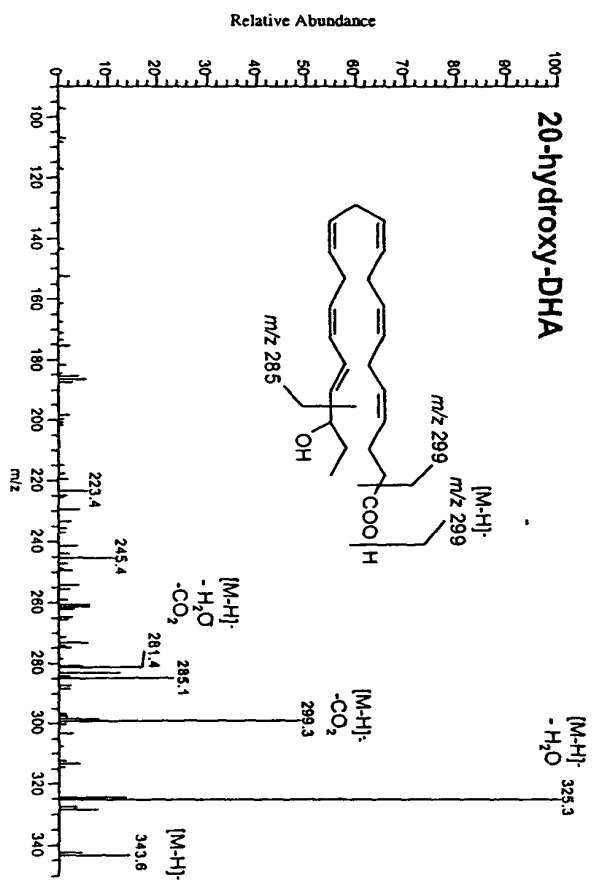


FIG. 15

PUFA & ASA-COX-2

